

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-49 (canceled) .

50. (currently amended) ~~Electric motor and/or transmission~~
~~Transmission~~ comprising a driveshaft (3), an output shaft (4) and a housing (1) on which a centering flange (5) and an attachment flange (6) are provided, the housing (1) is provided with at least one strain sensor (9) arranged near to the attachment flange (6), wherein the at least one strain sensor (9) is provided on the housing (1), and the at least one strain sensor (9) is arranged near to attachment screw holes (8) of the attachment flange (6) .

51. (currently amended) ~~Electric motor and/or transmission~~
~~Transmission~~ comprising a driveshaft (3), an output shaft (4) and a housing (1) on which a centering flange (5) and an attachment flange (6) are provided, the housing (1) is provided with at least one electronic display system (11), wherein the electronic display system (11) is connected to at least one sensor (13) selected from the group consisting of strain sensors, force sensors, temperature sensors and, incremental sensor, assigned to a transmission, permissible values and limiting values such as force, temperature, service life, number of revolutions are visually displayed and read off on the

electronic display system (11) wherein the values which are generated in the electronic display system (11), are transmitted in a wireless fashion to an external evaluation device (10).

52. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 50, wherein the centering flange (5) has at least one radially circumferential groove (15) in which at least one damping element (14) is located.

53. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 50, wherein the at least one strain sensor (9) is provided near to cylindrical housing parts, near to the attachment flange (6).

54. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 50, wherein the at least one strain sensor (9) is arranged in a cylindrical region of the attachment flange (6).

55. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 50, wherein a plurality of strain sensors (9) are distributed radially around the attachment flange (6) in the region of the housing (1), opposite the centering flange (5).

56. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 50, wherein the at least one strain sensor (9) is arranged approximately centrally between two adjacent corner regions (7) of two adjacent arrangements of

attachment screw holes (8) underneath the centering flange (5) near to said housing (1).

57. (currently amended) ~~Electric motor and/or transmission~~ Transmission according to claim 52, wherein the attachment flange (6) is spaced apart coaxially from an outer casing (20) of the housing (1) by a radial indent (18).

58. (currently amended) ~~Electric motor and/or transmission~~ Transmission according to claim 57, wherein the attachment flange (6) is provided with a radially circumferential constriction (19) proximate to the indent (18) for accommodating the at least one strain sensor (9).

59. (currently amended) ~~Electric motor and/or transmission~~ Transmission according to claim 50, wherein at least one indent (18) which forms at least one constriction (19) is provided between an outer casing (20) of the housing (1) and the attachment flange (6).

60. (currently amended) ~~Electric motor and/or transmission~~ Transmission according to claim 50, wherein the at least one strain sensor (9) comprises a strain gauge connected to an evaluation unit (10) and an electronic display system (11).

61. (currently amended) ~~Electric motor and/or transmission~~ Transmission according to claim 60, wherein radial forces are determined with the at least one strain sensor (9) and when a predefined limiting value is exceeded, a signal is generated and

displayed in the electronic display system (11).

62. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 61, wherein the signals which
are generated by the at least one strain sensor (9) are recorded
over time, stored in the evaluation unit (10) and, saved in the
electronic display system (11).

63. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 62, wherein the at least one
electronic display system (11) is assigned to a base flange (2)
of the housing (1).

64. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 61, wherein transmission-
specific data including force, temperature, transit time, and
number of revolutions is displayed by the display unit (12).

65. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 57, wherein the damping element
(14) is inserted into the radial indent (18) and comprises an
elastically deformable rubber element.

66. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 65, wherein the damping element
(14) comprises an O ring (17).

67. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 66, wherein a plurality of

circumferential grooves (16), which are spaced apart from one another and parallel to each other, are provided on the centering flange (5) and each is provided with a damping element (14).

68. (currently amended) ~~Electric motor and/or transmission~~
Transmission according to claim 65, wherein the damping element (14) projects outward beyond an outer casing of the centering flange (5).